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Fax Cover Sheet

Date: 8/25/02

To: K. Choi	From: T. Wessendorf
Application Control Number: 09/100,633	Art Unit: 1627
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Urgent For Review For Comment For Reply Per Your Request

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Atty Docket No. 016866-002200US
Serial No.: 09/100,633

PTO FAX NO.: **(703) 308-7921** (703) 308-4734
ATTENTION: Examiner: **Terresa Wessendorf**
Group Art Unit 1618

FOR THE PERSONAL ATTENTION OF
EXAMINER WESSENDORF

CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that the following documents In re Application of Hutchens & Yip., Serial No. 09/100,633, filed June 19, 1998, for **RETENTATE CHROMATOGRAPHY AND PROTEIN CHIP ARRAYS WITH APPLICATIONS IN BIOLOGY AND MEDICINE** are being facsimile transmitted to the Patent and Trademark Office on the date shown below.

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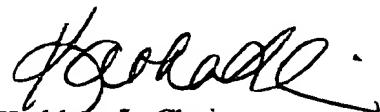
Dated: August 25, 2000



Dear Examiner Wessendorf:

Further to our telephone conversation today, transmitted herewith is a draft claim for the purpose of discussion.

Respectfully submitted,



Kathleen L. Choi
Reg. No. 43,433

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A DRAFT CLAIM FOR DISCUSSION PURPOSES ONLY

30. (Twice amended) A [screening] method for determining whether [an] *a drug*
[that]
[a candidate agent] modulates binding between a [target analyte] ligand and a[n adsorbent]
receptor to which the ligand binds comprising the steps of:

a) providing a substrate-bound receptor [comprising an adsorbent
to which the target analyte binds under an elution condition]; ~~and~~

b) exposing the substrate-bound receptor to the [target analyte]
drug *one or more selectivity selected from*
ligand and to the candidate agent *under the elution condition that allows binding*
between the target analyte and the adsorbent;

c) measuring an amount of binding between the [target analyte] *the Spec.*

ligand and the [adsorbent] substrate-bound receptor by desorption spectrometry, wherein
desorption spectrometry comprises desorbing and ionizing the [target analyte] ligand
from the [adsorbent] substrate-bound receptor with an energy source and detecting the
desorbed and ionized [target analyte] ligand with a detector; and

d) determining whether the candidate agent *modulates binding by*
drug is a that
comparing the measured amount of binding between the [target analyte] ligand and the
[adsorbent] substrate-bound receptor in the presence of the candidate agent and a control
amount of binding between the [target analyte] ligand and the [adsorbent] substrate-
bound receptor without the presence of the candidate agent,

a difference between the measured amount and the control amount
indicating that the candidate agent modulates binding.